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MULTILAYERED OPTICAL TISSUE PHANTOM USING BURIED SCATTERING MICROSPHERES IN POLYMER LAYERS [12-008]

A multilayered optical tissue phantom fabrication approach and inherently produced test target with general applicability for axial resolution and contrast evaluation in scattering measurements by depth-resolving imaging modalities. The invention is comprised of a plurality of micrometer scale monolayers embedded with light-scattering microspheres.

Abstract

The present invention relates to the calibration of imaging devices and in particular to a process for fabrication of a phantom test structure and the unique structure inherently created by the method disclosed.

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References

- 12-008Application

Status of Availability

This invention is available for licensing exclusively or non-exclusively in any field of use.

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